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GLADIOLUS BULBS

HAUGEN'S GLAD GARDEN

Mrs. Albert Haugen, Route 3, Stoughton, Wis.

1949 Prepaid List

State Inspection No. 3037

Price per 100. 25 bulbs at 100 rate. Per 1,000 at 8 times 100 rate.

If out of size ordered will send next smaller size and add enough extra to offset price, unless otherwise requested. All subject to prior sale. These prices are F. O. B., Stoughton, Wisconsin.

VARIETY:	Per	Large 1 1/4" up	Medium 3/4" to 1"	Small 3/4" down	Bulblets
ABIGAIL, tall, light lavender	Each	\$2.00	\$.75	\$.25	10/\$2.00
ALGONQUIN, glowing scarlet	10	.80	.60	.50	Pkg. .25
ATHENA, petals curled, lavender miniature	Each	.50	Any Size		
ATHLONE, clear warm flesh pink	Each	.50	—	—	—
BALLAD, beautiful rose salmon, cream throat	10	.80	.60	.50	Pkg. .25
BLACK DIAMOND, ruffled, very dark red	Each	.20	.15	.10	—
BLACK OPAL, very dark red, decorative	10	.80	.60	.50	Pkg. .25
BLESSED DAMOSEL, beautiful, lustrous, light rose	2	.25	4/.25	10/.25	Pkg. .25
BLUE BEAUTY, fine, medium blue	2	.25	10/.60	5/.30	—
BUENA VISTA, tall rose-red	Each	.25	.20	2/.25	—
BURMA, heavily ruffled dark rose red	10	1.00	.50	.25	Pkg. .25
CAMELLIA, blush pink with small red feather	10	—	.40	.25	—
CASABLANCA, tall ruffled cream white	10	.80	.60	.50	Pkg. .25
CHAMOUNY, tall dark rose, bordered silver	10	1.00	.60	.50	Pkg. .25
CHRISTINE, large purest white	Each	3.00	2.00	1.00	—
DAZZLER, fiery orange, red blotch	Each	.25	—	—	—
DIEPPE, beautiful ruffled deep salmon, red blotch	Each	.25	.25	2/.25	Pkg. .25
DOLORES, beautiful pink and white miniature	Each	Any Size	—	—	Pkg. .25
EGLANTINE, large beautiful ruffled pink	Each	3.00	2.00	—	—
ELIZABETH THE QUEEN, ruffled lavender	10	1.00	.80	.60	Pkg. .25
ETHEL CAVE COLE, early light pink — large	10	1.00	.80	.60	Pkg. .25
FAIR ANGEL, large cream, exhibition cut flower	10	1.00	.60	.40	Pkg. .25
GLAMIS, beautiful ruffled rose, white throat	10	1.10	.80	.60	Pkg. .25
GOLD STAUB, early clear yellow commercial	10	.80	.60	.50	—
JEANIE, tall light rose, white throat	10	.80	.60	.50	Pkg. .25
KESTREL, large tall orange	Each	.25	.20	2/.25	—
KING LEAR, early large ruffled, reddish-purple	10	.80	.60	.50	Pkg. .25
LADY JANE, fine commercial light yellow	10	1.00	.80	.60	1/2-Pt./1.00
LANCASTER, tall exhibition purple	Each	.25	.20	2/.25	Pkg. .25
LANTANA, early orange and gold	10	1.00	.80	.60	—
LAVENDER AND GOLD, very early decorative, pastel hues	10	1.00	.80	.60	1/2 Pt.
LAVENDER PRINCE, tall mauve lavender	Each	.25	2/.30	3/.30	—
LEADING LADY, finest cream, large	10	1.20	.80	.50	1/2-Pt./2.00
MAID OF ORLEANS, white commercial	10	.80	.50	.30	1/2-Pt./.75
MARGARET BEATON, large white, scarlet blotch	10	.80	.50	.30	1/2-Pt./.50
MARIMBA, tall, large light buff	2	.25	4/.25	10/.25	—
MAX REGER, light violet, dark blotch	10	1.00	.80	.60	—
MAYLING, ruffled flesh pink, tinted lavender	10	1.00	.80	.50	Pkg. .25
MINUET, fine lavender	10	1.00	.80	.50	—
MISS VERMONT, ruffled light pink, tinted lavender	Each	.35	.25	2/.25	10/.25
MISS WISCONSIN, fine deep lavender rose, beautiful	Each	.35	.25	2/.25	—
MOHAWK, dark red decorative type	10	.80	.60	.50	—
MONEETA, large cream yellow	Each	.25	.20	—	—
MOTHER KAEL, clear medium yellow	10	1.00	.80	.50	1/2 Pt./.75
MYRNA, ruffled white	10	1.00	.80	.50	—
OREGON GOLD, tall light yellow, late	10	1.00	.80	.50	—
ORIENTAL PEARL, wonderful huge cream	Each	.50	.40	.30	4/.50
PICARDY, best known salmon	10	.80	.60	.50	—
PINK CHARM, soft deep watermelon pink	Each	.50	.35	.25	5/.25
RANGOON, ruffled dark purple	Each	.50	.35	.25	5/.25
RECAZO, exhibition, smoky, touches of rose	10	1.00	.80	.60	—
RED CHARM, best medium red, tall	10	1.00	.50	.30	1/2-Pt./1.50
RED GIANT, bright cerise, white lines	Each	.20	—	—	—
RED LORY, rose red, many open	10	1.00	.80	.50	—
REWI FALLU, giant, massive dark red	10	.80	.50	.40	—
ROCKET, clear scarlet	10	.80	.50	.40	—
ROSA VON LIMA, fine light rose, early	10	.80	.50	.30	—
ROSE O'DAY, tall exhibition, lavender rose	Each	.25	—	—	—
ROSE CHARM, medium size, early attractive rose	Each	.75	.50	.25	10/.25
SAHARA, odd light brown	10	.80	.50	.30	—
SIR GALAHAD, large cream yellow, scarlet feather	5	1.00	3/.50	—	—
SPIC AND SPAN, tall straight, salmon pink	Each	1.75	1.50	1.25	—
SPOTLIGHT, popular yellow, red orange blotch	10	2.00	.25	—	—
STOPLIGHT, bright red, tall commercial	10	1.00	.80	.60	—
TRUE LOVE, new clear shell pink, early, lovely	Each	.25	2/.25	4/.25	—
VALERIA, tall commercial light red	10	1.00	.50	—	—
VAGABOND PRINCE, mahogany, scarlet blotch	10	1.00	.50	.25	—
VULCAN, reddish purple, large	2	.30	2/.20	3/.25	—
WAX MODEL, white, lavender marking	1	1.00	.75	.50	—
WHITE FANTASY, early ruffled white, lavender feather	10	1.00	.80	.50	—
WHITE GOLD, early giant lemon cream	10	1.00	.50	.25	—
ZUNI, rich ruffled smoky	2	.25	3/.25	4/.25	—

If order includes both retail and wholesale items, I shall ship via EXPRESS collect; and add bulbs to offset parcel post rate on retail portion.

TERMS: All retail prices are prepaid. Net cash with order, or 25% deposit and balance (express) C. O. D. Five bulbs of a variety at the 10 bulb rate, but no single item for less than 25c. Bulblets sold in packets of about 100 unless otherwise quoted.

GLADIOLUS BULBS

Wholesale Price List 1949

Hand-cleaned Wisconsin Grown. Treated in storage with DDT 5% Dust.

All wholesale orders are sent VIA EXPRESS, with the carrying charges collect. Do not send letters special delivery, we receive REGULAR MAIL quicker. Prices are 25 bulbs of a variety at one-fourth the 100 rate; 250 at the thousand rate. If out of a size will substitute next smaller size and add enough extra to offset price unless otherwise requested. All subject to prior sale.

Variety	No. 1 1½ in. up	No. 2 1¼-1½"	No. 3 1-1¾"	No. 4 ¾-1 in.	No. 5 ½-¾"	No. 6 0/0-½"	Bulblets
BALLAD	100 \$5.00	\$4.00	\$3.00	\$2.25	\$2.00	\$1.50	½-Pt. \$2.00
BURMA	100 —	6.00	5.00	4.00	3.00	2.00	½-Pt. 2.00
CASABLANCA	1000 —	48.00	40.00	30.00	20.00	16.00	Quart 6.00
CHAMOUNY	100 6.00	5.00	4.00	3.00	2.25	2.00	½-Pt. 2.00
ETHEL CAVE COLE	1000 —	40.00	32.00	24.00	18.00	16.00	Quart 5.00
FAIR ANGEL	100 5.00	4.00	3.00	2.50	2.00	1.50	½-Pt. 1.00
GOLD STAUB	1000 —	40.00	32.00	24.00	18.00	16.00	Quart 3.00
LADY JANE	100 6.00	5.00	4.00	3.00	2.50	2.00	½-Pt. 1.00
MAID OF ORLEANS	1000 —	40.00	32.00	24.00	20.00	18.00	Quart 3.00
MARGARET BEATON	1000 —	40.00	32.00	24.00	16.00	10.00	8.00
RED CHARM	1000 —	40.00	32.00	24.00	20.00	16.00	Quart 5.00
REWI FALLU	100 5.00	4.00	3.00	2.50	2.00	1.50	Quart 3.00

MINIATURES

Gladiolus with florets under 2½ inches. The tiny gladiolus have an attractive size, suitable to the small container which may be placed in the niche for a surprise of color. Corsages, too, are easily arranged about the tiny florets. ATHENA—deep mauve with lacinated petals; gold line on lower petals. LAVENDER AND GOLD—Lovely pastel lilac edges with white center. Long graceful spikes of attractive florets. DOLORES—Deep pink edges white throat; florets spread like winged butterflies.

ARISTOCRATIC COLLECTION

If you do not care to know the name of variety when it blooms a collection of unlabeled bulbs is a very fine value. Care will be taken to include all the rainbow colors from white to deep purple and smokies. 100 ASSORTED (large 1" up) bulbs for \$6.00; 50 for \$4.00. With this collection will be added — free, three large (labeled) bulbs of Red Charm.

JOIN A GLADIOLUS SOCIETY NEAREST YOUR LOCALITY AND
RECEIVE LATEST INFORMATION THROUGH THEIR PUBLICATIONS

How to Grow Good Gladiolus

The care of bulbs and plants of gladiolus is given briefly on the order blank enclosed with your 1949 price list. Please keep your own copy of the bulbs you order with the directions "How to Grow Good Gladiolus."

The most recent developments in care of better gladiolus bulbs will be found in the "Wisconsin Horticulture" a magazine sent to every paid member of the Wisconsin Gladiolus Society, remittance to Mr. Frank Bayer, treasurer, 4668 North 41st street, Milwaukee 9, Wisconsin. All glad societies have up-to-the-minute literature on glad culture. Your state society you will find is affiliated with New England Gladiolus Society and the North American Gladiolus Council.

Dr. Ray Nelson of Michigan gave one of the finest talks on diseases of gladiolus at the fall meeting of the Wisconsin Gladiolus Society at Milwaukee. He announced the publication of a new bulletin No. 350; "Diseases of Gladiolus", available from the Michigan State College, East Lansing, Michigan, for 25 cents. Prof. Nelson has determined that the type of soil affects the action of mercury on various rot and scab diseases of bulbs.

CALOMEL as a dip for bulbs is more satisfactory: is fast to work with, produces earlier bloom for cutting and most efficient action on bulb diseases.

Tartar Emetic is the spray-control of thrips which I have used the past three years. Used as directed gives complete destruction of life-cycle of thrips on growing plants which gave me clean bloom through the flowering season.

Comments on Varieties

Gladiolus fanciers have been impressed with the many fine varieties in all colors that are introduced at the flower shows each year. Improvements are gradually appearing in better facing and finer color.

BURMA (88 days) is deeply ruffled, of dark rose color. Good propagator. A stout performer, having early bloom.

BLESSED DAMOSEL (95 days) Introduced in 1944, a ruffled, glowing shell pink, having a white throat.

CASABLANCA (95 days) A good white glad. Has ruffled petal edges. Opens nicely on a long spike.

ORIENTAL PEARL (90 days) Huge flowered cream color.

SPOTLIGHT (80 days) Is clear, heavy-textured, deep yellow, red blotch.

SPIC & SPAN (80 days) Heavily ruffled deep salmon pink. Perfect placement, bright, tall and straight.

TRUE LOVE (70 days) Very early clear shell pink with primrose throat.

RED CHARM (85 days) A favorite red and a great commercial.

CHAMOUNY (85 days) Deep velvety rose, silver edges.

MISS WISCONSIN (90 days) Deep rose pink, a few lines in the throat.

VAGABOND PRINCE (80 days) Bright brown velvet, scarlet blotch.

GLADIOLUS HAUGEN'S GLAD GARDEN

R. F. D. 3

Stoughton

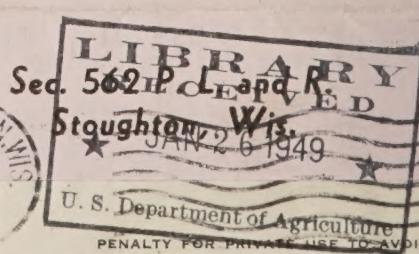
Wisconsin

Spring 1949



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POSTMASTER: If forwarded to a new address, notify sender on Form 3547. Postage for notice guaranteed. Return and forwarding postage guaranteed.

ORDERED FROM

HAUGEN GLAD GARDENS

Rural Route No. 3 - - - Stoughton, Wisconsin

DO NOT WRITE HERE

Our Order No.

Booked

Rec'd

Wanted

Money Order \$.....

Draft or Check \$: _____

Name—Mr., Mrs., or Miss

Date 194..

Street or R. F. D. No.

Street or R. F. D. No.

Post Office State

Express Office Ship When?
(If different from Post Office)

NOTE: Order accepted subject to stock.

May I substitute size or variety

NOTE: A refund of the purchase price will be made on any order found unsatisfactory upon receipt, and promptly returned; but no guarantee of growth is given.

TOTAL \$.....

How to Grow Good Gladiolus

CARE OF NEW BULBS: The bulbs you receive should be opened for ventilation. Small amounts, place the opened bags in a shallow carton and store in cool dry place. Prevent freezing. Large amounts, empty into shallow trays to admit air. Label carefully.

WHEN TO PLANT: When the trees native to your vicinity are unfolding their leaves, all danger of frost is past. From then until the middle of June in northern states. Large bulbs of early blooming varieties may be planted in late June in Wisconsin and bloom before frost.

WHERE TO PLANT: Open sunny place (as your vegetable garden) not too near buildings, nor close to a foundation. Buildings shade and retard development; or reflect strong sunlight and burn the bloom. Lack of free drainage, sunshine and aeration as well as ingredients in mortar make infertile and sour soil. Keep away from trees or deep rooted shrubs.

KIND OF SOIL: A good garden having sandy loam is best. Some glad fans having heavy loam have added a bit of sand in the trench with the bulbs, then place peat moss above to hold moisture. In particular, to the smaller sizes, which are planted shallow. Any good garden soil will be kept loose with cultivation and grow fine gladioli.

CONTROL OF THIRP: Various dry poisons are being tried. Rotenone dust may be applied lightly, using one tablespoon powdered over 100 bulbs. This may be left on bulbs until planting time. This is not injurious to humans. Same rotenone powder is dusted on the growing plants for control of thrips.

The 5% DDT in talc is another dusting formula which remains on the bulbs until they are planted. Be careful in its use, for DDT is more poisonous to humans if air is filled in a small room. One may wear a mask over the nose to prevent inhaling too much poisonous dust.

ALL BULBS SHOULD BE DISINFECTED BEFORE PLANTING: Nothing can cure bulbs affected with any of the rots. Discard all such. However, if affected only with slight scab they may be safely planted if disinfected with one good disinfectant. Growers of gladiolus bulbs are keenly aware of the necessity of destroying or controlling disease of the bulbs. Simple and most effective to date is the **NEW IMPROVED CERESAN.**

New Improved Ceresan. 1 oz. N. I. Ceresan, 3 gallons of water. Weigh carefully and leave bulbs in solution 15 minutes. Do not leave bulbs in solution over 20 minutes and plant immediately after dipping. **Lysol** — 1 tablespoon Lysol, 1 gallon of water. Soak 4 to 6 hours immediately preceding planting. **Bichloride of Mercury** — 1 oz. Bichloride of Mercury, 7 gallons water. Soak 10 to 12 hours immediately preceding planting. Plant wet. Must be used in an earthen or wooden container.

PLANTING SUGGESTIONS: In spring at planting time, use only well-rotted manure or a commercial fertilizer.

(as used for field corn) at the bottom of your trench, cover with thin layer of soil. To obtain early bloom use large high crown bulbs of early blooming varieties. Agriculture scientists have found that no extra fertilizer should be used on these large bulbs. It is the No. 3 and smaller that profit by adding nitrogen. Have your soil tested at the agriculture college of your state and add only the substance your soil is deficient and needs. Small gardens profit by addition of leaves and other compost material. Any fertilizer should be used in moderate quantity. Plant bulbs six inches apart; the large bulbs four inches deep—smaller ones less to three inches, bulblets only one inch in flat trench. Bulblets of most varieties do not bloom in Wisconsin the first year, but will give much delight to the home gardener by producing many young thrifty bulbs from a small space. To produce more bulblets the plant needs four leaves left on when the spike is cut.

THRIPI SPRAYS FOR BLOOMS

I Spray Formula

1 oz. tartar emetic
3 oz. corn syrup
3 gallons water

Mix well and spray weekly after foliage is in third leaf.

II Spray Formula

DDT is proving most effective of all sprays.

2 rounded teaspoons DDT (the 50% soluble)
1 teaspoon Dreft
2 gallons water

Mix well and spray weekly after foliage is in third leaf. Visible signs of thrip are silvery streaks on leaves, the buds are brown, the highly colored flowers have pigment removed and floret deformed. On a bad infestation the buds do not open.

BLOOMS: Cut flower spike when first bud is open. Keep in water. Daily change water and cut end of spike on a slant. Use sharp knife for all cutting. Slide knife down along second leaf from top, cut on slant half way through stem, then cut from opposite side to remove spike. One may cut half through stem and bend slightly; the stem will snap out of the leaf sheath.

DIGGING: Plants grow five to six weeks after flowers are cut to mature the bulbs and produce bulblets. The leaves are still green color when bulbs should be dug, top cut close to bulbs, which are placed in shallow trays for quick drying. If left in ground too long dry rot and scab diseases attack bulbs. Sunshine drying and free circulation of air for two weeks make fast curing. In one month the bulbs have cured so the old bulbs may be removed easily. Outer husk should be left on to protect bulb from bruise and excessive drying.

STORAGE: A cool, dry storage of 40° to 50° Fahrenheit in a vegetable cellar is good. Open flat tray not more than the depth of two bulbs gives circulation of air. Dust lightly with rotenone dust or 5% DDT talc and leave until planting time.

QUANTITY	SIZE	VARIETY NAME	RATE	AMOUNT

TOTAL \$.....